SWISS-MODEL

D359

Created: Jan. 8, 2025, 3:16 p.m. at 15:16

Templates Models

Order by: GMQE

Model 01

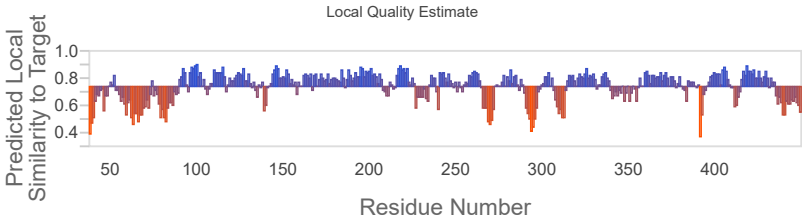
Display files

Oligo-State
Monomer

GMQE
0.63

QMEANDisCo Global:
0.74 ± 0.05

QMEANDisCo Local



QMEAN Z-Scores

Template

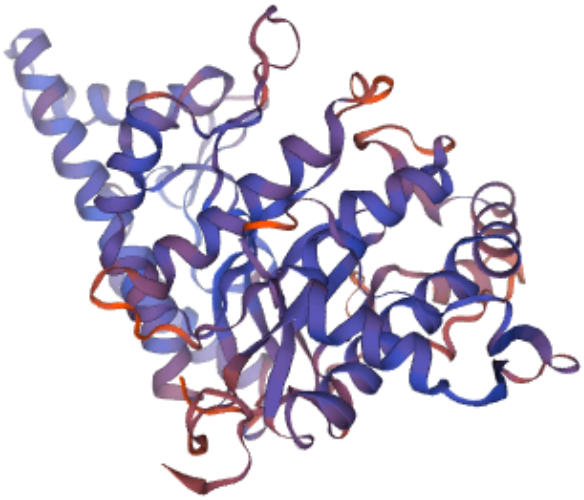
template_upload.1.A Polypeptide

Seq Identity
40.49%

Coverage

Model-Template Alignment

Petitioner Merck, Ex. 1070, p. 1



Cartoon

Petitioner Merck, Ex. 1070, p. 2

SWISS-MODEL

D359

Created: Jan. 8, 2025, 3:16 p.m. at 15:16

Templates Models

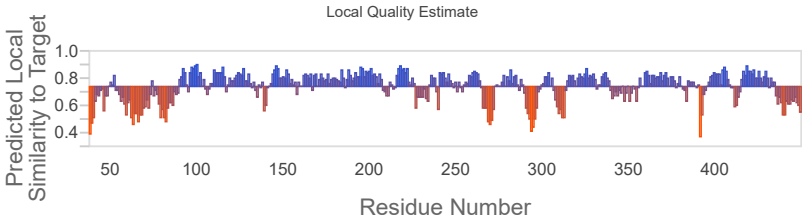
Order by: GMQE

Model 01

Display files

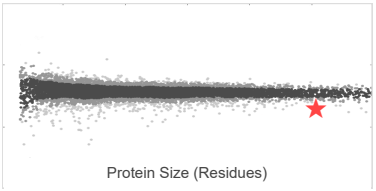
Oligo-State	GMQE	QMEANDisCo Global:
Monomer	0.63	0.74 ± 0.05

QMEANDisCo Local



QMEAN Z-Scores

QMEAN	-3.20
Cβ	-0.29
All Atom	-0.76
solvation	0.33
torsion	-3.44



Template

template_upload.1.A Polypeptide

Seq Identity
40.49%

Coverage

Biounit Oligo State	Monomer
QSQE	0.00
Method	Unknown

Petitioner Merck, Ex. 1070, p. 3

Seq Similarity	0.40
Coverage	0.81
Range	38-450

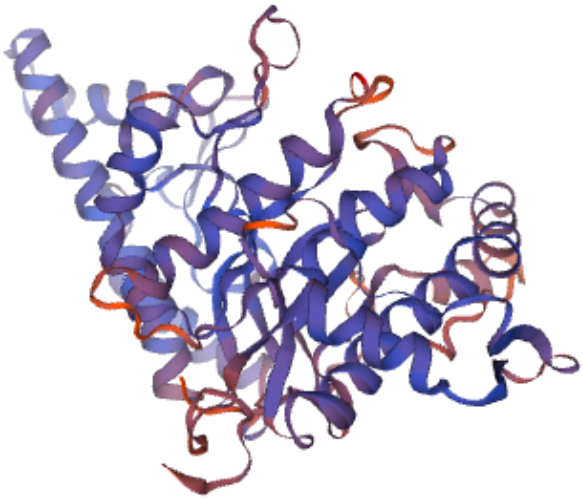
Model-Template Alignment

```
                Model_01 MGVLKFKHIFFRSFVKSSGVSQIVFTFLLI  30
template_upload.1.A ------------------------------
                Model_01 PCCLTLNFRAPPVIPNVPFLWAWNAPSEFC  60
template_upload.1.A -------SFRGPLLPNRPFTTVWNANTQWC  24
                Model_01 LGKFDEPLDMSLFSFIGSPRINATGQGVTI  90
template_upload.1.A LERHGVDVDVSVFDVVANPGQTFRGPDMTI  54
                Model_01 FYVDRLGYYPYIDSITGVTVNGGIPQKISL 120
template_upload.1.A FYSSQLGTYPYYTPT-GEPVFGGLPQNASL  83
                Model_01 QDHLDKAKKDITFYMPV-DNLGMAVIDWEE 149
template_upload.1.A IAHLARTFQDILAAIPAPDFSGLAVIDWEA 113
                Model_01 WRPTWARNWKPKDVYKNRSIELVQQQNVQL 179
template_upload.1.A WRPRWAFNWDTKDIYRQRSRALVQAQHPDW 143
                Model_01 SLTEATEKAKQEFEKAGKDFLVETIKLGKL 209
template_upload.1.A PAPQVEAVAQDQFQGAARAWMAGTLQLGRA 173
                Model_01 LRPNHLWGYYLFPDCYNHHYKKPGYNGSCF 239
template_upload.1.A LRPRGLWGFYGFPDCYNYDFLSPNYTGQCP 203
                Model_01 NVEIKRNDDLSWLWNESTALYPSIYLNTQQ 269
template_upload.1.A SGIRAQNDQLGWLWGQSRALYPSIYMPAVL 233
                Model_01 S-PVAATLYVRNRVREAIRVSKIPDAKSPL 298
template_upload.1.A EGTGKSQMYVQHRVAEAFRVAVAA-GDPNL 262
                Model_01 PVFAYTRIVFTDQVLKFLSQDELVYTFGET 328
template_upload.1.A PVLPYVQIFYDTT-NHFLPLDELEHSLGES 291
                Model_01 VALGASGIVIWGTLSIMRSMKSCLLLDNYM 358
template_upload.1.A AAQGAAGVVLWVSWENTRTKESCQAIKEYM 321
                Model_01 DTILNPYIINVTLAAKMCSQVLCQEQGVCI 388
template_upload.1.A DTTLGPFILNVTSGALLCSQALCSGHGRCV 351
                Model_01 RKNWNSSDYLHLNPDNFAIQLEK-GGKFTV 417
template_upload.1.A RRTSHPKALLLLNPASFSIQLTPGGGPLSL 381
                Model_01 RGKPTLEDLEQFSEKFYCSCYSTLSCKEKA 447
template_upload.1.A RGALSLEDQAQMAVEFKCRCYPGWQAPWCE 411
                Model_01 DVKDTDAVDVCIADGVCIDAFLKPPMETEE 477
template_upload.1.A RKS---------------------------- 414
                Model_01 PQIFYNASPSTLSATMFIVSILFLIISSVA 507
template_upload.1.A ------------------------------
                Model_01 SL                             509
template_upload.1.A --
```


Petitioner Merck, Ex. 1070, p. 4

GLN 268 A

Confidence: 0.58



Cartoon